

## **Additional commitments on marine shipping and access road.**

### **1) KEY ISSUES IDENTIFIED BY THE BOARD**

<b>Traditional Knowledge</b>	
<b>a</b>	Better discussion of the use of Traditional Knowledge in reaching conclusions in the Final EIS, particularly with regard to the impact of the road on Baker Lake, and the impact of the project on other Kivalliq communities (concerns regarding the lack of jobs for Chesterfield Inlet and Rankin Inlet, and the issue of off-loading fuel and shipping up the river from the Chesterfield Inlet area).

### **Traditional Knowledge Interviews conducted by Hattie Mannik in Baker Lake:**

#### **Victoria Mumgosualuk**

We use to live up there, we use to hunt around those areas such as Apuqtinnaaqtuq Lake, Quggiilik Lake (north of Meadowbank camp). Those were to best areas to hunt caribou and they were the main route for migrating caribou that were coming from the Back River area. We had lived and camped around in those places to hunt in search for caribou.

In summer time in August and September, when the skins on caribou are good, and when it's time to cache meat for the winter. We use to live around Apuqtinnaaqtuq Lake (Pipedream) and it was more like the main route for migrating caribou. I knew that area well.

When the caribou are migrating, it seems they come from the west going east, and sometimes they go backwards. Even when they are not migrating, they show up anywhere from any direction.

Q. So Apuqtinnaaq and Third Portage are not the route for migrating caribou?

A. I think it is not really a route for migrating caribou, but when we moved more west, there seems to be more migrating caribou, that we see. The caribou where we use to live are not like the ones nears our community, because the caribou where we use to camp, whenever they hear a noise they would flee right away. That was why we were always to told to be quiet.

Fishing:

I don't really recall but I know we use to fish a lot in Third Portage Lake, and at the Pipedream Lake, including around Meadowbank river, we use to fish around those bigger lakes.

Q. What kinds of fish?

A. I prefer lake trouts mostly in winter time in any lakes, but in summer time we use to only fish for char around the Back River area. There's usually different kinds of fish too, but I only saw trout around the Apuqtinnaaqtuq area.

Q. Do you remember any spawning area for fish?

A. I don't remember see any, so I can't answer that

Q. Have you heard of any rivers or streams that are blocked?

A. No. I never heard about that.

Q. Do you know of any nesting areas for birds and other kinds of geese?

A. That, I don't know too.

Archaeological Sites:

I don't know along that route , only in the Back River area, it's also the caching area. I had seen storage made out of rocks before around there. I really want them to be like that for a long time. I won't want them to be moved by anyone. I would like to see some archaeological sites left alone and keep them clean, because in one of the storage I found before, someone had put old foam mattresses in it, I got upset about those. They are precious to me, because they were my parents storage areas. I also won't want people to be working too close to the graves if they can.

Graves:

There are graves on the west side of Amarulik Lake, that are my late husband and his father at Inugguga'yualik Lake. And my late in-law, she's at Tikiralugyuaq area, but I've never seen it. I have tried to search for it but I never found it.

When my late husband passed away, he wanted to be buried beside his father, so we went to Inugguga'yualik Lake to bring him there. When we went fishing, I tried looking for my mother-in-laws grave by snowmobile, but I never found it. In fact I didn't know where they had placed her, but I know it's around Tehek Lake.

Q. Do you know of any spiritual significance spots that you know of?

A No, I don't know of any.

Q. Do you have cabin along the proposed road?

A. No, I don't.

Q. What do you think about the gravel road?

A. I'm not sure, but if we can reach the area where we use to camp along, that would be good.

Q. Will there be too much hunting?

A. They probably will, I know some will, because some people go and meet caribou, when they still can get closer. Then some people get hungry due to the people who hunt for themselves. But the elders tell us not to over kill too much, so just handle what you can get.

Q. While the proposed road is being built, will it have any effect on caribou?

A. I think so, maybe for the ones that are far, but not the ones close to the community.

Q. Will the road have benefit for the community of Baker Lake, for instance for people who want to get out of town for the day or to go out hunting?

A. I'm not sure, I can't really answer that one.

Q. Do you know of any camp ground between Baker Lake and the mining camp?

A. I know there some near Amarulik Lake, and Apuqtinnaaqtuq (Pipedream) area. But they are not very old ones, but the ones around Amarulik and Apuqtinnaaqtuq Lake were our grandparents camp ground.

Q. Is there anything that I missed that you would like add?

A. I don't think I have anything else to say.

Q. That's all the questions I have, so I would like to Thank-you for your time.

A. You too, Thank-you

### **Silas Aitauq**

Q. Did you ever live somewhere along this new proposed road access?

A. Yes, I have lived around that area, but I have never camped in the summer time. I have reached some of this area in the winter time, but never in the summer time. But I know that people like Ikinilik and others have camped around here before. I have never really reached the east side of Amarulik Lake, only on the west side. But in this Inuguga'jualik Lake, I always use to go there in the spring time to camp, but never on the east side of the proposed road.

Q. Did you camp at any time around or near the proposed road?

A. I, myself never have camped around that area, but have seen some of the tents rings. This is Kavihililik Lake, and on the north side of Kavihililik Lake there are some tents rings that I know of. Most of them are spring camps and some are winter camps. And on the higher ground, there is a grave.

Q. Whose grave is it?

A. It was late Martha Ikinilik's mother, on a higher ground. But my adoptive mother, also Tookoome's mother has a grave here with their adopted child at Ihipqiituq (Survival Lake).

There's another grave of Ujarattqii's grave, which I remember help with the funeral, but I can't really remember where exactly it is. There were going to be at least 3 graves there, but one of them was brought back to town and sent away down south, and who was Arnaujuq's mother. We had put here in a grave around near the mouth of the river at Ihipqiituq lake, covered her with rocks, then a plane came, dug her out and sent her body down south.

(Tom) There are also 2 graves somewhere here or there, along the proposed road. Jacob and I had come upon those graves during the winter time while we were doing our surveys.

A. I don't know anything about them, and didn't know if there were graves there. But I know that Ujukpaa and Kayuryuk have graves here.

Q. Whose did you say this graves was?

A. Kiviui, his name was Kiviui. Then around here, we never knew there was a grave there, Andy Andy a prospector had seen the grave, just last year I found out about it at Hanningajukuluk Lake. I must have heard about it before, which I just didn't remember about. But they said they placed a cross there, so

there should be a cross beside the grave. They asked me if I knew anything about a grave and who it might be, but I didn't know there was a grave there. I haven't come upon it yet.

Tom: I wonder if it was a child or an adult?

A. They said it was an adult, but here on the north west side of Half Way Hills, on this small lake there is a grave of late Edwin Evo's sister. Edwin's mother and I buried her here, we would have brought her here, but the snow was too soft, and in the fall, so when she stopped breathing, we just buried her there.

Q. Do you do hunting around this area?

A. I was cache meat every year around here. I even had about seven cache around there, but the grizzlies finished all of them. I usually go there every summer, even by walking and sometimes by ATV honda. There seem to be grizzlies around there every summer that it's hard to have cache meat untouched.

Q. Does this lake have a name?

A. We just call this lake Hillitit Lake, there are two lakes that we call Hillitit lakes because they are between Hillitit Hills (not a hill, but high ground). One of the lakes, is where you can catch large fish, although you don't catch many, but you can always catch big ones.

Q. What kinds of fish are there?

A. All kinds, mixed of various fish.

Q. When you are going out hunting in the summer time, with your ATV honda, how far do you go?

A. I have reached Qilluralaaq just once by honda, but I've never traveled through this area, because it's too rough. Although I have walked along that route before, but not by honda. I know that for those people who have traveled by honda in the summer time probably have traveled further, but I've gone there just once. When ever I go out hunting alone, I usually take my time, in search for wildlife, so at times I camp around that area.

Q. What about in the winter time?

A. In the winter time I go out to pick up my cache, but I don't travel far anymore, as long as I'm not going to hunt caribou. But if you are going to do some wolf hunting, you can travel further, but since the caribou are much closer than before, I don't travel far. I only use the winter road in the winter time, and have never traveled it in the summer time, so I can't say I want it untouched. If I have traveled and camped around the area in summer time, I would have probably say I don't want it touched, and we only use the route in winter and spring time when we are going to travel to Gjoa Haven. Since this lake has many island, and when you don't know the area in the winter time, there are areas where the ice is thin, so in between the islands, it's kind of dangerous to go through.

Q. What is the route for migrating caribou?

A. I know that the caribou cross through this, because it is narrow and that's around Ihpqiituaq Lake for caribou going towards east or west either way. I don't really remember if there were lot of caribou, but I knew that the caribou cross through it every summer. Other than that I don't know where else they go through, but they normally walk through anywhere, back and forth. When the caribou starts walking, either towards the northwest or northeast, they cross through any narrow part of any inlet or river. I'm not sure if they would cross those narrows when they are few, but when the caribou are in large groups, I know they can cross through narrow part of any river or streams. I even remember at Iqaluli'naaq Lake, when Tookoome and I had our tent pitched. I remember seeing a caribou just through the lake, when it should have just walk on the shore. There's even a crossing at the narrow part of White Hills Lake, when

the caribou are in large group, and migrating. And in the early fall, there's another crossing through Qamanauga'tuaq Lake that I had cached from those caribou. But I don't think there is a main crossing where caribou cross through. All I know that the migrating caribou walk towards the east in the spring time, but once the mosquitoes arrive, they don't have any destination and start walking anywhere, but in September they start arriving again from the east going west. In the past when we use to camp north, we only use to watch for migrating herd to arrive from the northwest, but in the spring time we watch for the herd from the east. But today I don't know how they migrate anymore. I also know that they linger in the months of January and February.

Q. When do people fish, and how many fish of different species do people normally get?

A. For us who use to live out on the land, once the ice freezes in any lake, and camping near a river or streams especially when there's hardly any caribou around and when the ground starts to really freeze, it gets difficult to search for caribou, and it was like that all the time. Today, it seems that in the fall, when you can't see caribou anymore then they suddenly appear, so it's hard for me to know where they came from.

Q. What kinds of fish are there in any lake?

A. In any lake when the Inuit are not using nets, when they try to catch fish, they mostly catch trout only. Especially when they are not around where there is a river. But years ago, when Inuit are camping around a river, they would use fish spears to catch fish like white fish, trout. So when Inuit are fishing only on a lake, they would only use hook and line to catch fish once the ice freezes.

Q. When you go out fishing, what kinds of fish do you prefer when you go fishing?

A. As long as I have a ice chisel and hook, all I prefer to catch is trout. But once in a long while there would be char that is caught. Around here, on this lake I know there are char right now, but on this side there's hardly any char. But once there are holes through the ice, there are char caught.

And this lake at Quliqlinnuaq Lake,(between White Hills Lake and Hanningajukuluk Lake when the mosquitoes arrive, you can easily catch fish in no time, it's on the area where the river starts flowing, and they are fat. I also know that at Hanningajukuluk Lake on the area where the river starts to flow down river, when I was using nets to catch fish and there were all kinds of species of fish there ( different kinds of white fish).

Q. I remember someone telling about a lake where you caught fish that you survived on during starvation times, do you know where it is?

A. Yea, that lake, when my adoptive parent was staying behind in a camp, I said that I was going to go and remove my fox traps, and search for a lake that might have fish close by and was going to camp overnight there. I left and went to a lake where was a small island, I started fishing and caught so many fish there, when Tom was just a baby. We were camping at Ihipqituaq lake with Mannik family and my adoptive parents, along with Tookoome and his first wife. We were hungry and trying to live on only fish. When everyone left to go fishing, I told my adoptive father that, I was not going far, to remove my fox traps and go fishing, so I'm going to overnight out there. So that lake is now called Kumalik Lake, because there are lot of blood suckers on them, but they were fat.

Q. Was this during the winter or when?

A. It was right in the early spring time, sometime in April. And this lake is called Ujukpaa's Lake, he use to fish there all the time, so people started calling that lake Ujukpaa's lake. Also these two small lakes are Hillittit Lakes. This lake doesn't have name, but we were planning on going there to fish, because there are good fish there, also some of those rocks are more like soapstones.

Q. Are people aware of any streams or rivers near the proposed road of Baker Lake that they know fish move or migrate in?

A. I don't know of any, and I don't even know if the fish swim up river in those areas. They probably swim up river. I don't know of any especially around or near the proposed road, and I haven't heard if there is one. I never even heard of any streams or rivers along the proposed road, where people say "there are fish there that go upriver", although I have camped around that area before.

Q. Can you identify any lake, river or stream near the community that you feel can be improved for fish?

A. I won't know of any, but in here at Qammanauga'naaq Lake, I have heard that searun char have bed, but I haven't seen one. When they say they have bed, they have gathered rocks together to make bed, and when I went to Gjoa Haven I found out they do really have beds, when I started seeing some. About where there are rocks gathered together on the shore, on the deep part. I only know of that. I also have heard that fish have their eggs in their stomachs to carry them, when the eyes start to form, they are spitted out.

There are probably more spawning areas in most lakes, but I only know of this one.

Q. Do you know of a lake that cannot be accessed by Arctic char moving upstream from Baker Lake because of a blockage or something else?

A. I haven't heard of any, I know an area around Majuqtuqsiurvik, but I don't go there, so I don't know. So I haven't heard of a river or stream or a lake that cannot be accessed by char.

Q. Are there areas you are aware of where Arctic char used to go to spawn or overwinter, but know cannot? Do you know why?

A. I haven't heard of any, and because the people hardly go around that area to fish. I would have heard something about fish from people, so I can't really say.

Q. Are there any stream blockages along the road on the way to Prince River?

A. No, I haven't heard of any.

Q. Where do graylings spawn?

A. There are graylings all around Baker Lake, even on small lakes, and no one ever told me where graylings spawn, but because they have spawning areas, there are graylings.

I know that people from Gjoa Haven have never seen graylings before, and they have never seen plants that grow around our area for instance like they have never seen cloud berries.

Although Gjoa Haven area is a large place, there are no bushes of some sort. There's hardly any plants growing around there.

Q. Do you know if there are any areas of islands where large numbers of geese or other birds nest along this route?

A. I don't know of any, all I know is that the Canada Geese nest anywhere as long as there is a small island in any lake. But the white ones rarely come around here, like swans, and others.

I also know that other geese like loons, eiders, etc. are around Baker Lake area, but mostly I know that swans and other white geese are way past Back River area. So I don't know if there are any main nesting areas close by.

Q. Can you tell me if there are any archaeological sites along this route?

A. Before Inuit started using canvas tents, I have seen rocks formed in circular, around here, when we go up there to go fishing. They're on this island, and I think there's more around here. There's also some in top of this that are very old rocks formed as shelter or something. But I don't know if there are any around or near the proposed road, because I have never camped around it in summer time. I know there are some on the east side, but I don't remember exactly where they are. I also have seen very old wood, which we have found before around this area.

Q. What can you tell me about sites of spiritual significance or special sites in the area?

A. The only one I know of is the lake east side of White Hills lake, where you can't really spend over night at, but I don't know of any that you cannot go to. Other wise I don't know of any.

Q. Do you have a cabin near or along this route where you normally go to in the spring and summer time?

A. I don't have a cabin around there, but I have one at Nalluarjuk Lake.

Q. How do you feel about a gravel road from Baker Lake to the camp?

A. I support the gravel road, because I go out hunting around that area or even after I'm gone, people will still go around that area to hunt. Every summer time people go around there to cache meat or to go fishing. I don't have anything against it, I just support it to go ahead. Once the road is finished, it will not affect the wildlife and will not stop them from walking or migrating.

Q. Will there be too much hunting after the road is finished?

A. I don't know, for me I'm not sure. It will be bad if the people start killing too many wildlife, but as long as they kill enough for themselves. Once the road is finished, people will go out more, and you get a feeling that they might start killing too many wildlife, but if they want to use caribou meat as bait to catch wolves, that will be bad. I even think that some people catch wolves more than the others, maybe because they use meat to lure wolves. For those of us who don't have any jobs, we don't catch wolves at all.

Q. How can we do better in doing wildlife surveys?

A. If there are wildlife surveys being done, I still would want it to continue. For instance, study where the caribou are, or if the wolves are eating what a person may have killed, it would help a lot to see if the killing of caribou would decreased. As an example, last year when I was tracking wolf tracks, I had come upon fresh trails of a ski-doo, I thought that the wolf was being tracked by another person, so I changed route, then I saw a caribou lying dead. I was just going to pass it by, but I went to go see it. Then caribou had just being killed, that a fox was already trying to eat it. I thought to myself that I will go through it again on my way home. But I notice that the caribou had been shot rather than killed by a wolf. Because on the caribou skin would have been dirty, but I saw that it had been shot with a rifle, because I turned the dead caribou on it's other side.

Q. Is there anything I missed that you would like to add?

A. I don't have anything more to say, I don't know if there are any negative effects if the proposed road is to go ahead. I will probably remember something, but during the making of the road, any other wildlife or birds, geese will have affects, but once the road is finished, I know it will not affect wildlife afterwards. I know that during the summer months, the road is going to be very useful, but if too much killing of wildlife starts, it is something that we should worry about.

Q. I have no more questions. Thank-you for your time.

A. I will probably remember something to say, but as of now while there is still no road, I don't have very much on my mind.

### **Samson Quinangnaq**

Q. Did you ever live somewhere along this new proposed road access?

A. We had lived around that area, like around Inukshuga'jualik Lake even maybe 3 times. I also have camped around Amarulik Lake. I have also camped in the summer time around here about three times too. Nutipilik is not visible, but if the interviews are only towards the proposed road. I don't remember which of these lakes, I think here, I had camped in the

summer and winter time. I even have a rock (boulder) there, not unless someone had already found it.

Q. What is the name of that lake?

A. I don't even know if it has a name, but Inuit started calling this large lake Ihipqiituq. There are also graves there. As I said, we have camped around here in the summer and winter time.

Q. People always asks about an inukshuk around the Inukshuga'jualik Lake. Where is the inukshuk placed?

A. It's here, it's on part of this hill. There's a grave here that was our son, and this hill, there's graves of (father and child) or (mother and child). There are graves of Kiviu and others,

somewhere around there too, that your stepfather knows about. I think he knows all of them where they might be, who was his late father-in-law, and brother-in-law. About maybe south side of Amarulik Lake. I don't know where they are, I have just heard about them. Late

Qanak's grave had been brought to his mother before, that much I know.

Q. Do you do hunting around this area?

A. During the summer I would catch caribou in my life. I wonder where is Uqsuli'naaq, I wonder which way of Hanningajukuluk we crossed. I have fished all around Hanningajukuluk Lake before, and this lake where now is the Meadowbank camp, I have also did some fishing there too. Sometimes catching caribou around there, so when the mine really opens, I have asked if they can set side honorarium of some money for me.

Q. Was that the only area you hunted in the past?

A. Yes, I have hunted around that area before, and camped there and around Uiguqliq and Tahirjuaraarjuk. But I did mostly winter fishing all around Tahirjugalugjuaq and did caribou hunting there. I never really camped there in summer time. I mostly camp in the summer time on the northwest side of it.

Q. Was the route for migrating caribou?

A. On all these areas, they normally go on both ways, going back and forth.

Q. But there are not main crossings or main routes?

A. No, since there are not big rivers around this area, so there are no main crossings or routes. There are only crossings around big rivers like Thelon River. They would go by way the rapids of Thelon and walk



through between Baker Lake and the Meadowbank area. And once the caribou go through that area, while their skins are still thin, they go towards the east in the early and late spring time and then during the summer and early fall they return towards the west. That's how the migrating caribou around this area are.

Q. So that means the caribou route is any where around all this between Baker Lake and Meadowbank area?

A. Yes, anywhere around the land, and they also cross even through by way close to the island around the Thelon too. When they are going towards east, they go through Hanningajukuluk lake while their skins are still very thin. They just go back and forth.

Q. They are not a huge herd, are they?

A. At times there would be herd, and sometimes just in large groups, that go back and forth around that area, between the community of Baker Lake and Meadowbank area. And not only by these areas, you probably have seen and know how the caribou migrate, like going back and forth during spring and fall seasons. Some have gone by north of Tahirjualugjuaq.

Q. So they don't have one main route or crossing when they migrate?

A. No, they don't go through only one route, but at times they would use one route, but normally they migrate through different routes. That's why there are some routes you see, that it seems they have been drawn on land, especially when they are group of herds when they pass by in one large group.

Q. Did you cache meat for the winter along this route?

A. Yes, I have cached meat for the winter in the summer time in the past, that I have camped at Puqtuniqpaq in the summer time.

Q. Would you say that people have cached meat all over that area from between Baker Lake and Meadowbank area?

A. Yes, people have cached meat along that area even before they started residing in the community and living in houses. On different times of the seasons.

Q. Do you remember seeing any graves along this route or have come across?

A. I don't remember any graves along the proposed road. But there is a grave here who was going to be my oldest child, and late Kaluraq's mother.

Q. Do you know a grave that has been seen by people who do wildlife study, who's grave it might be?

A. Somewhere around that area, there are graves of mother and son/father and son. And there's also a grave somewhere around north side of Halfway Hills/White hills and that is Qimmiu'naaq's grave. I have heard he has a grave there, but I've never reached it before.

Q. What lakes do people fish at along the road to camp?

A. I can't honestly point out where or if there might be any lakes along the propose road that might be good for fishing. At times I would hear from people when they had caught fish from lakes, but perhaps in one of these lakes, Aitauq can probably help you point where they have caught fish. He had talked about a lake where he had caught some fish during the starvation times, when they had their first child. I know that at Amarulik, has fish, and there's also at least some fish at Qamanauga'tuaq, but there not too big.

Q. What kinds of fish are there in that lake?

A. Trout, mostly trout, that includes Amarulik Lake.

Q. What kinds of fish do you prefer when you go fishing?

A. I mostly try and catch only trout with line and hook through the ice. When I started camping here, I started catching graylings with line and hook. But in the past, where we camped before, graylings never really meant anything to me. When I use to camp around Back River area, even before the fish start coming around, we never really try and catch graylings. Of all the fish I've known, graylings around Baker Lake have the same taste as graylings around the Back River area.

Q. Do you try to catch char or prefer the other kinds of fish?

A I prefer trout, especially in the winter time, but in summer time around Back River area, we normally catch mix of fish. But around Baker Lake area, there are only trout in any lakes, just in lakes. Some lakes don't really have any char, and hardly any fish that goes up river, in this Meadowbank lake, there might be white fish, and if there are graylings, there could be few of them around. Around Qilluralaaq Lake, there is a thought, there could be some white fish. The inukshuk on this hill that have been there for a very lone time, has been broken down and it's not good.

It was a huge inukshuk, which someone had put up, and someone broken it down, so there's no more inukshuk there now.

Q. So that means there are no real main and important lakes for fishing?

A. I don't think there are any lakes that are main areas where people go fishing a lot, on or near the proposed road area People go fishing in some of these lakes in the spring time. But most of the time people go fishing at White Hills Lake. I know, you can jig a hole anywhere around the lake. Where ever people want to go, they can catch fish. There are some big fish around ulu'tuaq area, around the point. When I know, I am a poor fisherman, I had caught big fish in those before that's why I mentioned these areas. But there were mostly trout around those areas.

Q. Are people aware of any streams or rivers near the proposed road of Baker Lake that they know fish move or migrate in?

A. I have no knowledge of any streams or rivers near the proposed road, but there's a stream at the end of Hanningajukuluk that flows from Amarulik, that much I know, and I never really did any fishing from there at any time. I never tried to check where the fishing areas might be in the spring time. But in Tahirjualugjuaq lake, when you make a hole anywhere, and start fishing you might be lucky enough to catch at least 5 fish, but if you are lucky, even feeling a fish pull the line, you will never catch any. At Apuqtinnaaqtuq Lake/Meadowbank, when you start jigging through the ice to fish anywhere around the lake, you can catch fish.

Because whether you fish or not, this is important to understand what the impact of the a road crossing on a stream might be.

A. If they are going to be putting bridges, rather than blocking the streams or river. It is very important that they build bridges on any streams or rivers. And because if they try to block the rivers or streams, the melting of snow or flow of water will just flood the road in the spring time. And because it's not a good idea to block any small streams, because the fish can go up streams or rivers on a very shallow water in the spring time. Some people may think that fish swim any how or anywhere, but they also have ways of swimming to and fro to places. They have hours of time too, and have time to linger in one spot or to move somewhere else.

Q. Are there areas you are aware of where fish go to spawn or overwinter?

A. As I remembered, I think this lake, Qamanauga'naaq Lake and Inuguga'jualik Lake are the lakes for spawning for fish, including Qamanauga'tuaq lake. I know that there are char/salmon fish there, and they spawn there, I also know that trout have spawning area at Nalluarjuk Lake.

Q. Can you identify any lake, river or stream near the community that you feel can be improved for fish?

A. If it's not in this lake, it will have to be in this lake. And because this lake is not too close to the proposed road, it should be a good lake to improve for fish, if it is going to be used.

Q. This lake is between Amarulik Lake and Apuqtinnaaqtuq Lake/Meadowbank?

A. Yes,

Q. And the lake that is close to the proposed road.

A. Since it's closer to the proposed road, this route which was used before, will not be used anymore.

Q. So that means this lake closer to the proposed road will be more affected than this lake further?

A. Yes, it will be more affected than this further lake. If the proposed road is going to be used in the summer time, the lake that is closer will definitely be affected. The river that is flowing to Amarulik Lake, will also be affected, so there will have to be a bridge made there. If there was a spawning area at Amarulik Lake, especially around near the river, they will surely have to put a bridge on it.

Q. So these are the spawning lakes you know?

A. Yes.

Q. Do you know of a lake that cannot be accessed by Arctic char moving upstream from Baker Lake because of a blockage or something else?

A. I have never heard of any river or streams from Baker Lake that has been blocked, so I can't anything about it.

Q. Are there areas you are aware of where Arctic char used to go to spawn or overwinter, but now cannot? Do you know why?

A. In the winter time, I don't even know where the char winter. But I think Qamauga'tuaq Lake would be to winter for fish, and perhaps White Hills Lake. I know fish swim upriver from Prince River that there's odd times there are char at White Hills Lake.

Q. Are there any streams blockages along the road on the way to Prince River?

A. I have never heard if there are blockages around there. All I know that there is a bridge at the end of the mouth of Qamauga'tuaq Lake, that's all I know.

Q. Where do graylings spawn?

A. I don't even know where they might spawn that I can't answer that question.

Q. Do you know if there are any areas or islands where large numbers of geese or other birds nest along this route?

A. I'm not much of a person who collects eggs, so I don't even know if there are any areas or islands where geese or other birds nest. All I ever found eggs at the south of Nalluarjuk Lake, and that was all.

Q. Can you tell me if there are any archaeological sites along this route?

A. I can't remember exactly where, that there were archaeological sites, of very old tent rings. The only ones I can remember seeing that aren't very old were at between Amarulik Lake and this Lake, which I had seen one summer.

Q. What can you tell me about sites of spiritual significance or special sites in the area?

A. I don't know and haven't heard if there are any spiritual significance around the proposed road.

Q. Do you have a cabin near or along this route where you normally go to in the spring and summer time?

A. I don't have a cabin around there. The only place where I have a cabin is on the east side of the community.

Q. How do you feel about a gravel road from Baker Lake to the camp?

A. If the road is going to continue to be built, there are lot of people who are unemployed, and if they can be given these jobs, it will help the unemployed. That's what I think.

And for those hunters who go out hunting, and with the proposed road built, they can either use the proposed road or outside of the road to go hunting, either way they shouldn't have any problem.

Q. Will there be too much hunting?

A. They know that they are not to over kill wildlife, so I don't think that will happen, but if they are going to mistreat or over kill wildlife, they are going to, if they are joyriding with their ATV's, that they are even going to reach Meadowbank camp. If a person who has been told or had been disciplined and are going to obey, and if they are also going to preserve wildlife, think about caching meat, it will be ok.

But if they are just going to kill for fun, that's another story. So after the mine has closed, some Inuit will think they can do anything they want, they might likely kill wildlife for fun. If they are going to follow rules given to them by elders, it will be fine. And because people who had been told by elders, not all of them will not follow these.

Q. After or during the making the gravel road, will it have affect on caribou?

A. Because caribou don't have a mine like humans, after the gravel has been done, I don't think it's going to affect the caribou. During the making of the gravel road, and when the caribou come close to the area, they will smell different odor, and will change the route of the caribou for a while. During their migration, they will walk towards the east, but once they come upon the proposed gravel road, they will turn back for one spring. But after a year later, the road will not affect the caribou anymore. Long ago when I did my hunting by walking and once the caribou come upon my tracks on the ground and smell them, they would run in different direction. In the same way, while the gravel road is being made, the caribou will smell the odor of trucks and others, it will affect the caribou for while, just at least for one spring and summer.

Q. How can we do better in doing wildlife study?

A. I am not really sure, but if there is so much rocks or outcrops, they will probably have to use explosives or drill on the ground and caribou eat whatever they find, and part of the vegetation will be no good for caribou to eat. So for me it's kind of hard to answer.

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## **Ruth Nuilaalik**

We use to live all around near Amarulik Lake, Hanningayukuluk, Pipedream, Meadowbank River area. Even around Nutiplilik, Back River area all along the way.

In the areas where we camped, we did caching meat for the winter, hunted for clothing, and Amarulik was where Hugh Avatituuq was born, somewhere on the south side.

Amarulik Lake, White Hills Lake are one of the main lakes that we go fishing to, around Niaqunguut (island at White Hills Lake).

At White Hills Lake I have heard that there was spawning areas, but can't really point out where it might be.

I'm not really sure of any route for migrating caribou, but they use to be seen around anywhere around Portage Lake, Pipedream, and around Meadowbank River.

We mostly get trout to catch fish, I go mostly to Pitsauhaaq, not to far from town, and to Kablunaakuluk Lakes. And I prefer catching char for myself, but there's not much around, just trout.

When we are traveling by foot, we'd come upon old storages or tent rings, that may have been overnight camps. But when we use to be at Kannuyaqtalik, we use to see old tent rings.

I have heard that just before Shulz Lake, there's a hill that your not to go on top of, and another one where you can't spend over night around one of the inlets. There's also another one just east side of White Hills Lake, and the island in Baker Lake, where you can't overnight at. That is just pass Big Hips Island, called Tunngaqtalik Island. There are various areas I have heard about, one across Baker Lake, hearing loud whistling sounds and near Sugar Loaf Mountain.

I support the gravel road being made, it will benefit the people of the community.

I don't think that a lot people do over hunting wildlife. If the young people are told, surely they will listen I think it will be okay.

The affect of the gravel road for the caribou will probably only for the caribou, that are further away from the town. That's what I feel about it.

H.M. You will probably be able to go up to the mining camp by ATV in the summer time.j

A. (joking) I will get a horse and go up there, I can buy a horse and go back and forth, because they ask too many questions, so tell them that the old lady said she'll get a horse and go back and forth. (Laughter in the background).

H.M. Just watch the land as you go.

A. As long as I can see the land I'll be satisfied then, if I can't buy a horse I won't support the project. If I get a horse okay to it.

I don't have anymore concerns or comments and Matna.

## **John Iqsakittuq**

Q. Have you lived or camped around or near the proposed road? (Explaining)

A. The problem is I won't be able to really point exact spots on the map. We have camped around here before. On the west side of Meadowbank area and around north east side of Amarulik Lake. Even around Ihipqituq Lake, but some of the land is not visible on this map. My father is buried at Inuguga'jualik Lake with my older brother. They are across the island on the higher ground. Maybe it might be on this hill, because it has to be on the highest hill, right across the island.

Q. Do you know of any other graves?

A. Maybe this is Kavihililik Lake, is it not? The one just outside of Amarulik Lake? Maybe on this area, there's a grave of Qanak, and another person, close to Bridge 4. I use to take long walks, so I had found it before, and one of them is Qanak's mother. So Qanak and his mother's grave are together, because I had been one of the people to bring Qanak's grave up there. Being a guide to bring a grave to where they want to be placed, is so uncomfortable, your life seems to change, especially seeing their box.

I haven't found my mother's grave yet, that is around east side of the mining camp. That time when we went looking for it by helicopter, we didn't quite reach the area. If we had gone a bit further, we might have found it. Tiriganiaq pointed to me where it was, and it was around the inlet a little further north side of where we were. I also found out that where we had been, wasn't Tikiralugjuaq. I have been wanting to go see it. Because ever since she was buried, I haven't seen it since. So I had walked around that area a lot to times before.

Q. While you were hunting and caching?

A. Just following my father around where he goes. I have camped and lived almost all around that area reaching Apuqtinnaq Lake/Meadowbank camp, even pass it to Quggiilik Lake.

Q. The one marked x on this map, which is right on the propose road marking, someone said that there's a grave there.

A. I think that might be Qanak and his mother's grave, because I don't think you would want to build a road right on top of it.

They will probably just miss it by yards or feet and because this area, is high.

Q. What is the route for migrating caribou?

A. Today I don't go out very much anymore, but during the early fall, they usually migrate from southeast, and some south of the river towards the north. So people go out hunting around near Hanningajukuluk Lake, and near around Amarulik Lake. They are the main hunting grounds, that even now there must be someone hunting around those areas now.

Q. Do you know of any good fishing lakes around or near the proposed road?

A. I think most of all the lakes have fish, but I don't know most of them. All I know that White Hills Lake and Amarulik Lake have fish in them among other large lakes, I know that most of other lakes have fish, but I can't point out all of them.

Q. There are no main migrating route around this area, is there? They just go back and forth anywhere?

A. They must have their regular route, but I can't really point where though. I know I use to live up there and knowing that the migrating caribou usually go by Ihipqituq Lake.

Q. So ever since you remembered, this whole area has been where you cached meat for the winter?

A. Yes, anywhere around there. Especially around the northwest side of Hanningajukuluk Lake. We also know that when there's enough caribou around there, there will be some caribou lying dead that some have been left.

It's not only in that area, and they go somewhere else too to cache meat for the winter. ATV Honda can travel anywhere, so people can go further to hunt caribou.

I know that there's tent rings all around Amarulik Lake and it's also hunting and caching ground for Inuit.

My other older brother is also buried at Ihipqituq Lake, who was also Sarah Inukpak's father. I don't know any other graves, but I also know that there are two more graves at Ihipqituq, and they were Tutannuaq and his adopted daughter and her name was Qakurialluk. There is probably more around somewhere, which we just pass by not knowing about them. For myself, I really start searching for graves starting not too long ago. Sometimes when I talk walks, I come upon a grave and I never know who's grave it is. So one time I came upon a grave that was late Natilaaq's grave, which I didn't know about, I even examined it if it was a grave or not.

Q. When you go out fishing, what kinds of fish do you prefer to catch?

A. I try to catch any kinds of fish like trout, char. But I don't mind if I catch both.

When the fish are going to me, I don't mind either one of them. All I'm afraid of is large fish (joking).

Q. Do you know of any lakes that are good for fishing around or near the proposed road?

A. I know Hanningajukuluk Lake is, but I don't know if there are any lakes that may be good for fishing around or near the proposed road. And because I have never really use that trail, I use to years ago. I know that there's good fishing at Kavihililik Lake, and there are trout and whitefish there.

Q. Do you know of any spawning areas for fish?

A. I know of one around Amarulik Lake, around an inlet there. On the south side of it around the inlet part. And that's all I remembered. If it's not before that. And that's all I remembered.

What is this, is it Qilluralaaq? Or what? Because I remember there was after coming from Amaruliaruhiq Lake, I remember seeing a bed or spawning area for fish. I have been thinking about the Inukshuk that was standing at Qilluralaaq there. Especially when you are traveling, and when you see the Inukshuk, you know where you are, it also makes you happier to see where you are. But when that Inukshuk was knocked out, it seems to be dead now. As if there's no spirit there.

Q. Do you of any wintering for fish that you know of along the propose road?

A. I don't know of any or I haven't heard of any. Because I always think that they all swim in any lakes.

Q. Can you identify any lake, river or stream near the community that you feel can be improved for fish?

A. I haven't heard of any or won't know any. When I heard about the lake that was going to have fish out. I also heard that fish die during the night, although they are alive during the day, in that lake where they are going to remove the fish. My concern on that is not to have the road be too close to any lakes that are good for fishing. Because there could be negative affects during the making of the road. Especially at the mining camp, there could be some substances used, or something dropped, so I think there could be danger to the fish. That's just what I'm thinking.

Q. Are there areas you are aware of where Arctic char used to go spawn or overwinter, but now cannot?

A. I can't answer, because the char can swim from the sea and through the rivers by Tehek Lake to Quich River. Also there's no wide rivers from Baker Lake to Meadowbank or anywhere further north. Yes, there are small rivers and streams, but can't really reach the Meadowbank area. So I have never heard of any streams or river that have been blocked anywhere. They don't get blocked, but when the water level gets low, it seems to get blocked.

Q. Are there any stream blockages along the road on the way to Prince River?

A. I haven't heard of any.

Q. Where do graylings spawn?

A. I can't answer that because I won't know where they spawn.

Q. Do you know if there are any areas or islands where large numbers of geese or other birds nest along this route?

A. I don't really know of any, because we hardly ever use to go and pick eggs, but once in a long while we would find eggs anywhere around any lakes. But I don't think there are any main nesting areas.

Q. Can you tell me if there are any archaeological sites along this route?

A. The only thing is that I really don't remember seeing any of old sites or old storage. I know that there are tents rings and camp ground up to Half Way Hills and further up north. And because I have never really walked along the propose road area.

Q. What can you tell me about sites of spiritual significance or special sites tn the area?

A. I have heard one on the east side of White Hills Lake. Inga'ngaituq and others had been on the end of one of the lakes, and they said that they could hear a noise all night long. And that's all I have heard of.

Q. How do you feel about a gravel road from Baker Lake to the camp?

A. I don't even know how I feel about it, but if they want to make it, it's up to them.

I don't want to land to be ruined but people want to use to too.

Q. Will the gravel road have any negative effects on the caribou?

A. I have heard that there will be a gravel road, but for myself, I don't have ATV anymore, so I can't say. I can't say what will be true. But for those who go out hunting will have their ways too. But I think that, for the mining camp, I feel that the lake there will not be good for drinking water. If they start spilling chemicals in the lake, but even if they try to prevent that from happening, it will still sink under the earth. I even feel that even the fish will become contaminated, because I know that there are good fish there in the lake. And if they are going to be blocking one of the lakes to fish out, there will still be those tiny species of fish or others in between the rocks. I feel that lot of dead fish and others will be there. I know that the lake there is not a small lake.

Q. What would you want people to do with the fish that are going to be fish out?

Some options are fish that are healthy and alive will be transferred to another lake, another one are the dead fish or fish that just died will be brought to town to distributed to the local people and there's a third option.



A. I'm not sure, but even if the fish have been transferred to another lake, knowing if the fish are moved to another lake, the taste of their meat will not be the same. And because if the fish had their own territory to survive, and move to another lake, their surroundings will change and probably will die.

For the dead fish that were caught, the people up there will deal with them, themselves. Even if the fish has just been dead, people can still eat them or at least give them out to people with dogs to feed. At least put them in the freezer, before transferring them to the community. Especially before they become too contaminated.

Q. After the road has been built, will it benefit the people in the community?

A. It will probably benefit the people of the community. It would be good if the road stays open for the community to use, and I know that for the elderly people, it will be of great use for them. For instance they would travel on a smoother road rather than on a rough road, and it would help a lot in their lives too. That's what I would think, rather than removing what is already set on the road after then mining closes.

Q. During the process of making the proposed road, will it affect the caribou?

A. All I can say is that our caribou today are different from our past caribou, so I don't even know if there will effects on the caribou and the people. But I know that whether the people are working, caribou will be around near them. And because today caribou don't run away as easily as they use to in the past. But the only effect will probably be is the dust that is going in the air, or that will go on the ground. The caribou will probably eat some of those dusts too. And because some wildlife tend to come close to people now, and don't mind being around them. If it was long ago, they would run away even if you were far from them and once they smell the odor of human, they use to run away. But now even when they smell you, they just start following you around. (Maybe because we smell better than we use to: joke). It seems to be like that now, like they don't seem to notice the foot tracks of humans anymore, but in the past when they come upon human foot tracks that we don't see, they use to run away. I even start thinking that our original caribou are no more, that I start thinking the caribou we have now, may have come from the caribou that were raised by other people who use them as dogs. I once notice that a caribou eating it own kind, because in the past they won't even eat their own kind. I have even seen a caribou eat around where some one had been skinning a caribou, eating some part of the intestines. I have also notice the taste of the meat different, and the fat more tender. They even start munching on other caribou antlers.

Q. How can we do better in doing wildlife surveys?

A. I'm not sure, but we live on caribou and it would be good if we don't just leave the caribou that we have killed. Especially around the proposed road, because if we are caught doing that it is going to cause problems for us. Because we have to take care of our wildlife since we have Nunavut now, to keep it clean.

Q. Is there anything I missed that you would like to add?

A. I got nothing else to say, now and I don't have any concerns.

Q. I have no more questions, so Thank-you for your time.

**Jacob Ikinilik**

Before we start dealing with white people, that large area was always use for hunting and camping area, that whole area was the main area for hunting and camp ground. Then ones that I had marked before are the areas for camping and hunting, caching caribou, but now a days the areas is not use to as much for hunting that's the only thing.

People still go fishing today, jig through the ice in those same lakes that I mentioned before.

People can go quite far by ATV to go out hunting, because some can go to Iyititavik, and come back to town the same day (60 - 90km a day).

There shouldn't be a problem getting in the mining camp by ATV except it's a rough land. During the winter we don't really go by the proposed road, they will go by it, but not all the time, it's obvious they travel through there, but not all the time. People have use the areas of White Hills Lake, Tehek Lake, over to around Meadowbank area for years to hunt and camp.

There are some tent rings around Amarulik Lake area, on the north end there were summer camp grounds from long ago, there's even a grave on the north side of Amarulik lake, and some graves along the proposed road near the lake. There are at least 2 graves in one spot around Kavhilik Lake on the south side. I don't know of any other graves along the propose road other than the two I know of. There is also a grave at Hanningayukuluk near the slope of White hills near the long lake just after the lake ends, also near before that round small lake that is close to the proposed road.

During the winter when I go fishing I try to catch mostly trout. The lakes for good fishing are Apuqtinnaqtuq Lake (Third Portage), Amarulik Lake. People still go fishing in those lakes today.

I don't know of any spawning areas for fish, and due to rivers that are too narrow, or small, and most of them are just creeks especially along the proposed road.

I haven't really thought of how the fish would be transferred to another lake. The only ones that I thought of were the lakes that are close to that lake, where there is going to be fish out. I don't even know how the fish are going to be transferred to another, because fish can't stay alive for too long without water.

I have never heard of any rivers or streams that have been blocked that char can go through. All I know is that White Hills has char that swim up river from Baker Lake.

I have never hear about any spawning areas for graylings so I don't know.

There are too many hills around so the thing I know is when the geese are migrating, they are around, but the land is too dry, no swampy areas, so it's hard to say. So I don't know any nesting areas around close by or along the proposed road. Regarding the gravel road, during the previous meetings I have attended to, I have supported it and I know I have been around the mining camp. For instance when there was hardly any caribou, I was asked to go to Kiggavik and there was caribou around that area and even right beside the tents, I have flown around and I don't think the wildlife will be affected much.

I'm not expecting any over killing of wildlife, it's even hard to tell if people are over hunting, but people try to follow what they are told, after the road is built I think people will be told what to do.

During the process of the road is being built, I have said that I don't think it will have any affect on caribou, and I'm standing on that.

For how we should do the surveys better, I never really saw the propose route, so I just go by what I have been asked to do, so I don't have any comments on that.

I don't have any more comments, but we don't live the way we use to like in the past, and there are stores that we go buy food from and the propose road is not the only area people go hunt to, there is a vast area of land that we can hunt besides, along the proposed road. So we can go hunting else where too.

Regarding the fish out. I don't really have any answers to that one, due to how many fish dying and how they are going to be caught and how they will transfer them. I have thought about it. I remember when I

was fishing at Nanitaaruaq, I had caught a fish, but then lost it. Some minutes later I saw it floating and realized it was already dead, that's how fast some fish can die, so I can't really answer.

2) Traditional Knowledge	
a	Better discussion of the use of Traditional Knowledge in reaching conclusions in the Final EIS, particularly with regard to the impact of the road on Baker Lake, and the impact of the project on other Kivalliq communities (concerns regarding the lack of jobs for Chesterfield Inlet and Rankin Inlet, and the issue of off-loading fuel and shipping up the river from the Chesterfield Inlet area).

All-Weather Road	
a	More information to address public safety, including the Proponent's plans regarding all aspects of traffic control and every aspect of cooperation with the community to plan for and resolve concerns.
b	Exploration of regulatory aspects of the road, such as traffic control, including consultation with the Hamlet of Baker Lake, the Federal Government (including INAC if appropriate), and the GN to determine the potential roles all levels of government will play in regulation of the road.
c	Long term options for the road, including the exploration of options to keep the road open after mine closure and maintenance plans for the road in the event the decision is made to keep the road open.

## Meeting Conducted in Baker Lake with HTO, Hamlet Council and Elders to discuss the fish out program and the mine access road:

### Meeting Minutes

Baker Lake, August 25, 2005, 10 a.m.

Purpose: Consultation with community representatives on the proposed handling of fish and on the proposed permanent road for the Meadowbank Project.

### Attendees:

Josie Atutavaa, Ranger, Search and Rescue  
 Joe Scottie, Elder  
 Simeon Makkungwak, Councilor, HTO  
 Samson Arnauyok, Councilor, Elder  
 Timothy Evviuk, Search and Rescue  
 Joedee Joedee, Elder, HTO  
 Joe Niego, Wildlife Officer  
 Linda Oosuaq  
 Thomas Anirnirq, Elder  
 Hugh Nateela, KIA  
 Hattie Mannik, Cumberland  
 Tom Mannik, Cumberland

Craig Goodings, Cumberland  
 Michael Haqpi, Cumberland  
 Mike Carrol, Cumberland  
 Susan Ross, Golder

1. Discussion on three options for managing the fishout (providing all fish to people of Baker Lake, transferring all fish to alternative lakes, or attempting transfer of all fish to alternative lakes but moving fish that die in the process to Baker Lake).
  - The HTO Board has discussed the options, and is seeking input from the community before they make a final decision. (Simeon)
  - The HTO would like to see Inuit trained and employed to participate in whatever option is finally chosen. (Simeon, Hugh)
  - Most people stated preference for the third option, discussing the use of various net types to minimize the numbers of dead fish. (Joe, Josie, most others nodding agreement)
  - Elder noted that if dead fish are provided to people of Baker Lake care should be taken that this is done very fast, as many people do not like old fish. (Joedee)
  - If dead fish do not reach town quickly, for reasons such as weather, they should be used to feed dogs, not wasted. (Timothy)
  - Participant noted that project area was where he spent much of his youth and although he was initially opposed to the project, he is now supporting the project because of the employment it will bring. (Timothy)
  - Elder noted that there are still people in Baker Lake who fish in the project area. (Timothy)
2. Discussion on how people would use the proposed permanent road
  - The “new road” to the east of town was discussed as an example of how the proposed permanent road would be managed. The hamlet set out rules that people have generally followed, on health and safety and environmental protection. (Simeon)
  - Most people felt that over hunting and over fishing were unlikely, as the HTO would monitor hunting and fishing along the road and because the Inuit of Baker Lake had “common sense”. It was also noted that even if people did not eat all they killed, they brought it back to town to give to people who do not hunt. (Simeon, Joedee, most others nodding in agreement)
  - There was concern about speeding more than any effects on hunting and fishing. (Simeon)
  - The Wildlife Officer had experience of new roads elsewhere in the north and noted that with a management plan, agreement on the rules of use and some monitoring of use, no real problems had occurred with either over hunting and fishing or with health and safety. (Joe, Hugh)
  - The proposed route has been used for a long time already, but building the road would increase use, for hunters but also for the people of Baker Lake who like to go out to the land even if they are not hunting, just for pleasure. Lots of people in Baker Lake have recently bought new vehicles so it was certain that the road would be used a lot. (Simeon, Joe, Joedee, most others nodding in agreement)
  - The Baker Lake Inuit hunt everywhere around the town, by vehicle, boats and walking, including all the way up to the Meadowbank camp and beyond. (Samson)

- It was noted that elders who are no longer mobile, and are in care, could be brought out onto the land if the road were there, which would rejuvenate them. (Timothy)
- Other elders are restricted in how far they can travel because of limits to fitness, and the new road would allow them to go further. (Timothy)
- The road could be used for new tourism. (Timothy)
- It was noted that visitors regularly note that Baker Lake is very clean, that people teach their children not to throw garbage on the land but bring it back into town for proper disposal and that the “new road” is still clean, thus opening the road should not result in garbage spread everywhere. (Timothy)
- NIRB should not be concerned that the people of Baker Lake would not take proper care of the road and the land, as the Inuit of Baker Lake have common sense. (Joedee, Simeon)
- The road would probably be used more in certain seasons, like August when people go out a lot to hunt caribou, which have the best skins at this time of year. (Samson)
- It was noted that if Cumberland was concerned that building the road would make it easier for people to interrupt work on site, or bring in alcohol and drugs, Cumberland should just make rules (as other mining operations with roads have done) and people will follow those rules. (Joe)
- The road would represent a contribution to the health and safety of people on the land, as it would be a visible landmark that would lead people safely back to town, would have signposts and shelters at 10 km intervals, and have some regular project traffic. (Simeon, Joe Scottie, Timothy)
- Everyone in the room wants the road to stay open at the end of the project because it will be of benefit to the people of Baker Lake for many different reasons. They also thought this would be of benefit to Cumberland, who wouldn’t have the expense of removing the road. (Timothy, Joe Niego, Joe Scottie, Timothy, most others nodding in support)

<b>3-All-Weather Road</b>	Long term options for the road, including the exploration of options to keep the road open after mine closure and maintenance plans for the road in the event the decision is made to keep the road open.
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<b>b</b>	Exploration of regulatory aspects of the road, such as traffic control, including consultation with the Hamlet of Baker Lake, the Federal Government (including INAC if appropriate), and the GN to determine the potential roles all levels of government will play in regulation of the road.
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### **Long Term Options for the All Weather Access Road**

In its pre-hearing conference decision of July 14<sup>th</sup>, 2005, NIRB instructed Cumberland to address the following issue with respect to the proposed all weather access road from Baker Lake to the Meadowbank mine site:

“Long term options for the road, including the exploration of options to keep the road open after mine closure and maintenance plans for the road in the event the decision is made to keep the road open and exploration of the regulatory aspects of the road such as traffic control ....”

At this time, Cumberland has no plan to keep the all weather road open after the completion of abandonment and restoration activities at the Meadowbank site. We are aware from public consultation meetings in Baker Lake and from the pre-hearing conference of some expressions of public interest in having road access into the area north of Baker Lake after the mine closes. However, to date no future road proponent has come forward with concrete proposals for use of the road after Cumberland completes its mining operations. Given that portions of the road cross Inuit Owned Land administered by the Kivalliq Inuit Association (KIA) the question of whether public access and use of the road will be permitted may be in the hands of the KIA.

It is worth noting that the Nunavut Planning Commission's (NPC) ruling on the conformity of the all weather road to the Keewatin Regional Land Use Plan is based on the road's use for access to a mine site. The conformity of the road to the Plan could be affected by future use as a transportation corridor. Cumberland's plans involve nothing more than use for access to the Meadowbank site, consistent with the NPC ruling.

The lands across which the road will be constructed include parcels belonging to or under control of the Hamlet of Baker Lake, the Government of Nunavut (Commissioner's Lands), the Kivalliq Inuit Association and federal Crown lands under the administration and control of Indian and Northern Affairs Canada (INAC). Each of these organizations manages its land as set out in its own bylaws, rules, statutes or regulations. All of these organizations would have to agree to extend the life of the road if the road were to be kept open after mine closure.

Before construction of the road can begin, land tenure will have to be negotiated with each of these organizations. Land tenure instruments may vary from landlord to landlord but will likely involve leases and/or licenses of occupation, preferably for the life of the mine. Cumberland anticipates that these instruments will include requirements for abandonment and restoration of the road upon mine closure. Cumberland will be legally liable for the completion of these road closure activities.

When Cumberland completes its closure of Meadowbank it will demobilize from the site and will complete any required abandonment and restoration of the road as it leaves. If any other proponent wants to take control of the road after Cumberland departs, arrangements for assignment of both tenure and liability for eventual abandonment and restoration of the road will have to be completed before abandonment and reclamation are completed at the Meadowbank site. Cumberland will not leave unfulfilled abandonment and restoration obligations behind, nor is it likely that Hamlet, Crown or private land administrators would permit such an occurrence.

Cumberland is not in a position to speculate about unknown future uses of the road. Likewise, we cannot assist NIRB with information about the environmental effects of either road use or maintenance plans by other parties. All of Cumberland's plans and activities associated with construction, operation, maintenance and eventual abandonment and restoration of the all weather road have been included in the FEIS. Related impacts have been predicted, mitigation measures identified and monitoring plans are set out.

NIRB has the benefit of a full outline and impact assessment of Cumberland's plans for the all weather road. Unless a firm proposal for taking over the road is made to Cumberland at some future point and some entity accepts an assignment of both land tenure and liability associated with the road, Cumberland will abandon and restore it as set out in the FEIS. In closing, it is worth noting that any other large scale use of the road would likely attract either screening or review under Article 12 of the Nunavut Land Claims Agreement. There will be opportunities in the future to consider the environmental effects of such road-based activities.

<b>Shipping and Marine</b>	
<b>a</b>	Full explanation of potential impacts from increased shipping traffic and potential for spills, including consultation with Chesterfield Inlet and how and whether or not sections 6.2.2 and 6.2.3 of the NCLA, including the Government of Canada designation of a person who is liable for marine transportation, applies.
<b>Traditional Knowledge</b>	
<b>a</b>	Better discussion of the use of Traditional Knowledge in reaching conclusions in the Final EIS, particularly with regard to the impact of the road on Baker Lake, and the impact of the project on other Kivalliq communities (concerns regarding the lack of jobs for Chesterfield Inlet and Rankin Inlet, and the issue of off-loading fuel and shipping up the river from the Chesterfield Inlet area).

**Community consultation meeting with HTO, Hamlet Council and Elders in Chesterfield Inlet August 24, 2005 to discuss marine shipping and employment.**

**Cumberland representatives:**

Craig Goodings - Manager, Environmental  
 Susan Ross - Consultant  
 Stuart McDonald - Controller  
 Michael Haqpi - Community Liason Officer  
 Hattie Mannik  
 Tom Mannik

**Translators:**

Michael Haqpi / Hattie Mannik

**Attendance:**

George Tanuyak – Mayor of Chesterfield Inlet  
 Jimmy Krako – Councillor, Chesterfield Inlet  
 Titi Kadluk - Councillor, Chesterfield Inlet  
 Louis Autut - Councillor, Chesterfield Inlet  
 Katherine – Councillor, Chesterfield Inlet  
 Roy Mullins – SAO, Chesterfield Inlet  
 Marjorie Autuk – Secretary-Treasurer, Hunter & Trappers Organization  
 Eli - Community Elder  
 Peter – Department of Environment, Wildlife Services

The meeting commenced at 10 a.m. however the Mayor and several councilors were called away to visit a visiting navy vessel. They returned around noon. While they were away those still in attendance joined in a discussion about the barging and employment opportunities.

Craig Goodings began by providing an overview of the Meadowbank gold project including the development schedule for the proposed mine, the plan to commence construction in 2006, ship in fuel, steel & trucks for 2.5 year construction period. Expect five barges per year to supply the mine over the 8 year operating life of the mine. Ships will likely originate in Montreal. Fuel, ammonium nitrate, cyanide will be shipped in for mine operations. Cyanide is used to extract the gold from the rock and would be shipped in powder form. Ammonium nitrate is a type of fertilizer that is used in explosives – also shipped in powder form. It was noted that marine shipping in Canada is a highly regulated activity and shipping would be done by licensed people who know how to deal with spills and have the necessary equipment to deal with a spill. All materials would be sealed until they reach the Meadowbank site. Ships would not dock in Chesterfield – but people of Chesterfield would see the ships passing by and going up the inlet.

Craig Goodings indicated that the purpose of the meeting is to obtain feedback, answer any questions, and have an informed discussion regarding the marine shipping plan and employment opportunities at the mine.

**Q (Ross)** – Do you think the barges will have a negative effect on marine life around Chesterfield?

**A (Marjorie Autuk, Hunter & Trappers Organization)** — I have not observed any changes in marine animals, or hunting yields, despite recent increases in shipping. I believe the real changes will come from global warming, not from shipping. There have not been any spills that have affected Chesterfield or the waters nearby yet. The noise from boats does not seem to bother marine mammals.

**Q (Eli)** – The people of Chesterfield do not know exactly where the Meadowbank site is and what it looks like. Could there be a site tour organized for Chesterfield people.

**A (Goodings)** – Yes, that can be organized but it is too late to do it this year. Next summer would be a better time.

**Q (Eli)** – The fish and mammals in the channel are very important to the Inuit. What assurances do we have that any spills would be cleaned up? Shippers would have to have a strategy in place to deal with the spills.

**A (Goodings)** – First of all, proper shipping and handling procedures would be used so we hope that we can prevent any spills from occurring. If there is a spill, it would be the responsibility of the shipping company to clean up the spill (highly regulated industry). The shipping companies know the proper clean-up procedures and have the equipment to do it.

**Q (Louis)** – Dangerous chemicals must be properly contained and handled right up to the Meadowbank site.

**A (Goodings)** – Yes, this will happen.



**Q (Louis)** – I was at the zinc mine in Rankin (years ago) and saw explosives that were just stored on the ground under a tarp.

**A (Goodings)** – It's possible that this may have happened in the 50's but not anymore. Mining is a highly regulated industry and strict procedures must be followed in handling dangerous goods.

(Some discussion about proper Inuktituk word for "Gold")

**Q (Titi)** – Will it be an open pit mine?

**A (Goodings)** – Yes

**Q (Titi)** – How far is the mine from Baker Lake?

**A (Goodings)** – About 70 km (50 miles).

**Q (Titi)** – How will fuel be transported to the site from Baker Lake?

**A (Goodings)** – Yes, by tanker trucks on the all-weather road.

**Q (Titi)** – Will the safety of the trucks and risk of spills also be addressed on the Baker Lake - Meadowbank road?

**A (Goodings)** – Yes, the transportation of goods will be monitored from Montreal all the way to the Meadowbank site.

**Q (Jimmy)** – How much damage to the land will there be from the explosives used at the mine?

**A (Goodings)** – The explosives are necessary only to remove the rock from the ground, so that the gold can then be removed.

**Q (Jimmy)** – What about the dust that will be caused by the explosives?

**A (Goodings)** – Mining regulations are very strict about dust control. A lot of dust will stay inside the pits. There will also be monitoring stations above ground to track the dust flows.

**Q (George)** – What about employment opportunities for the people of Chesterfield?

**A (Goodings)** – KIA has been involved in the process – we are currently negotiating an IIBA agreement with the KIA which will address employment in the region. There will be training programs available, for example for truck drivers.

**A (Ross)** – The EIS has been submitted to the government. As previously mentioned, Baker Lake will have priority for the unskilled jobs as they are the most affected community, and due to the high unemployment there right now. Semi-skilled jobs will be spread around the Kivalliq region if appropriate people aren't available, then Cumberland will have to look south for

people. Where do you see Chesterfield fitting in re: providing semi-skilled people, ie. people with mining industry experience, other job experience, heavy equipment operators for the hamlet, etc.?

**A (Roy)** – People here are mainly unskilled. .

**Q (Titi)** – Will education be a barrier to employment; we have few people with Grade 12 education.

**A (Goodings)** – Education is not necessarily a barrier as there will be training programs available (e.g. truck repair). At the Rankin Inlet mine in the past, the workers were almost 100% Inuit. Modern mining is different, more regulation, better practices for handling explosives, better safety, etc. As a result, some education is required for most jobs but not necessarily Grade 12 education, training programs are a substitute, or other practical skills learned.

**Q (Titi)** – Comment: agree that there was more Inuit than not working at the Rankin Inlet zinc mine.

**Q (George)** – how will Chesterfield Inlet benefit from the mine? – I have still not heard anything about this.

**Q (Goodings)** – we hope you will benefit from increased employment. There are no mines in Nunavut now, when Meadowbank mine comes on line, there will be more attention on Nunavut as a mining area and more potential employment in Chesterfield to support further mineral exploration. In addition, the Meadowbank mine will generate several hundred million dollars of taxes for the Nunavut government, which will work its way back to the communities.

**Q (George)** – Why can you not use Chesterfield as a transfer point for the barges or for warehousing?

**A (Goodings)** –I understand your frustration but it is not in our plan to do this. The barges for Baker Lake don't stop in Chesterfield now and it is unlikely that Cumberland would change that.

**A (Ross)** – Would it be an issue for the Chesterfield hamlet, if their semi-skilled employees were hired to Meadowbank.

**Q (Roy)** – We don't consider this to be an issue – if our semi-skilled employees left the Hamlet, we would be able to train others to replace them.

The meeting then ended.